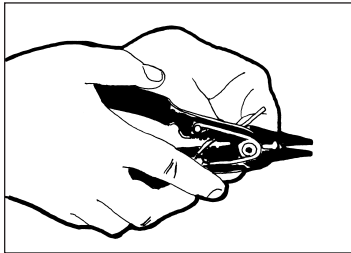


**STEP 1**

To install Molex™ connectors, you will need the connectors themselves as well as a wire stripper/pliers and sometimes a sharp knife. We like to use a sealant on the backside of the connectors to help with weather resistance and strain relief. Aqua Seal works well.

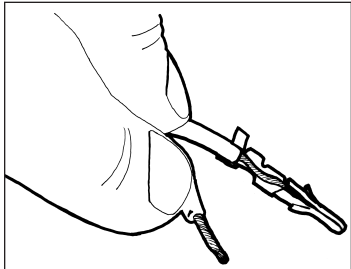
**STEP 2**

Strip the wires back to approximately the length shown in the illustration below. If the wire is of the 'zip' or two-conductor variety, you will need to separate the wires from each other near the end. A sharp knife can help to get this started. Use the right notch on the wire stripper so you don't nick the wires and weaken them. Twist the wire after stripping.



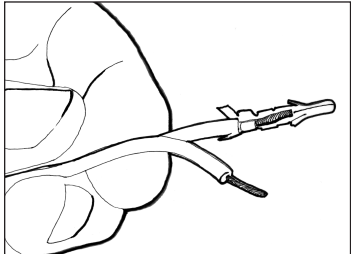
**STEP 3**

Lay the wire into the rear of the connector pin as shown. There are two pairs of tabs on the pin, one crimping to the insulation, the other crimping to the bare wire, providing contact.



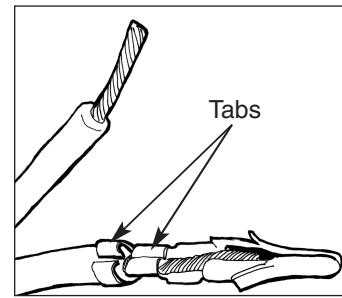
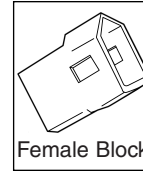
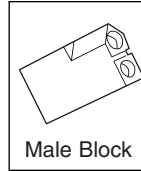
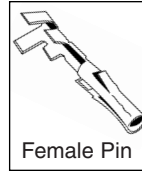
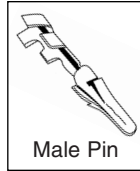
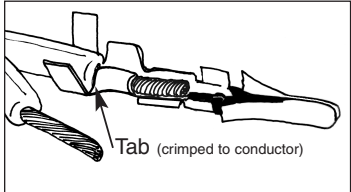
**STEP 4**

The ideal crimp configuration for the bendable securing tabs on the pins is similar to a 'top stitch'- meaning the edges fold down and inward to both straddle and pinch the wire from the top. This is desirable for both the insulated and bare areas of the wires.



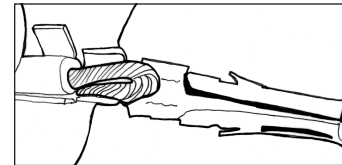
**STEP 5**

This connector pin is being crimped. One of its tabs is already crimped over the conductor. Use the wire stripping pliers or a small conventional pliers to crimp tabs. First crimp one of the smaller tabs into the wire conductor. Then crimp the other side. Repeat the crimping sequence with the larger tabs into the wire insulator.



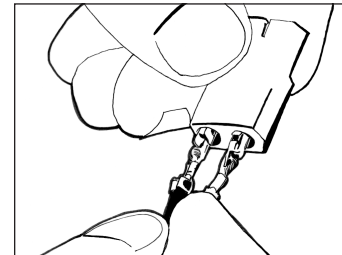
**STEP 6**

Both sets of tabs have been crimped properly onto the wire, both the insulated and uninsulated portions.



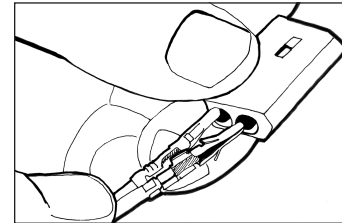
**STEP 7**

If you are concerned about flexing and wire fatigue, or if the wire is a bit small for the crimp tabs, it may be doubled-up to provide more strength.



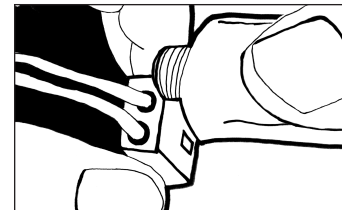
**STEP 8**

Carefully insert the pins into the back of the nylon connector blocks. The flared barbs on the pins will lock the pins into the connector blocks. Male pins go into the female connector and vice versa. Here the female pins are going into the male connector block.



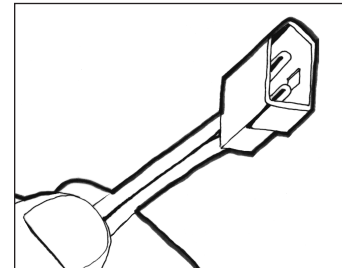
**STEP 9**

Here the male pins are clicked into place in the female connector block. Take care to match the red (positive) on the same side of both connector blocks.



**STEP 10**

Sealant is applied by pushing the material into the openings around the wires and then wiping the excess off the end of the tube by scraping the nozzle on the square shoulder on the rear of the connector block. Hang the wire assembly up, connectors pointing down, and allow to dry.



**STEP 11**

The finished assembly. The pins should be recessed into the connector block opening as shown

*Note: Aero Design and Manufacturing, Inc., is not responsible for the utilization and/or end use of this product. If you burn your motorcycle to the ground or toast your radar detector, we don't want to hear about it. If you have any doubts about your abilities concerning electricity, consult an expert.*